

PHYSICAL COLLOCATION
(SERVICES AND RATES)

22.0 CDOW (CLECs Doing Own Work) - Collocator Responsibilities (continued)

22.4 Rates Elements for SWBT Central Offices (continued)

J. Collocation to Collocation Connection

This rate element includes virtual to virtual and virtual to physical connection options.

1. Fiber Cable

When the Collocator selects the option to provide and install the interconnection cabling by an SWBT approved vendor, the charge for on-going maintenance of the rack will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified in 23.1 (J) (1).

2. Copper Cable

When the Collocator selects the option to provide and install the interconnection cabling by an SWBT approved vendor, the charge for on-going maintenance of the rack will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified in 23.1 (J) (2).

3. Coax Cable

When the Collocator selects the option to provide and install the interconnection cabling by an SWBT approved vendor, the charge for on-going maintenance will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified in 23.1 (J) (3).

4. Cable Racking and Hole

This sub-element provides for cable rack space and hole for copper, coax and optical cabling between two collocation arrangements and the required terminations at each virtual collocation arrangement(s) at an Eligible Structure. This sub-element is expressed as a monthly rate specified in 23.1 (J)(4).

5. Route Design

This sub-element provides the route design for collocation-to-collocation connections. This sub-element is expressed as a non-recurring charge and this charge is specific in 23.1 (J) (5)

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PHYSICAL COLLOCATION
(SERVICES AND RATES)**22.0 CDOW (CLECs Doing Own Work) - Collocator Responsibilities (continued)****23.1 Rates and Charges for CLECs Doing Own Work**

The rate elements below represent the charges associated with CLEC's providing, installing, and terminating their interconnection and power cabling, as well as placing entrance fiber by an SWBT Approved Vendor. When the Collocator selects the option to build their own cage by an SWBT Approved Vendor, the AC Circuit Placement Charge below will apply. All other charges associated with the Collocator's Physical Collocation arrangement are contained within this tariff.

	<u>USOC</u>	<u>Rate Per Month</u>	<u>Nonrecurring Charge</u>
A. Caged Collocation - AC Circuit Placement (CLEC Approved Vendor installs Cage) (Per square foot of floor space requested)		\$0.00	\$5.29
B. Power Arrangement Provisioning Caged, Cageless, and Caged Common (CLEC Approved Vendor provides and installs)			
2-20 AMP Power Feeds		.25	48.23
2-50 AMP Power Feeds		.25	48.23
2-100 AMP Power Feeds		.25	48.23
(Adjacent On-site Collocation) Extension of Power Cables Power Delivery Provisioning Charge (CLEC Approved Vendor provides and installs)			
- 2-100 Amp Power Feeds		0.00	0.00
- 2-200 Amp Power Feeds		0.00	0.00
- 2-300 Amp Power Feeds		0.00	0.00
- 2-400 Amp Power Feeds		0.00	0.00
C. Entrance Fiber Charge, per cable sheath			

Caged, Cageless, and Caged Common (CLEC Approved
Vendor places)

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PHYSICAL COLLOCATION
(SERVICES AND RATES)**22.0 CDOW (CLECs Doing Own Work) - Collocator Responsibilities (continued)**

23.1 Rates and Charges for CLECs Doing Own Work (continued)

	<u>USOC</u>	<u>Rate Per Month</u>	<u>Nonrecurring Charge</u>
C. Entrance Fiber Charge, per cable sheath (continued)			
- CLEC places Entrance Fiber		2.13	976.96
Adjacent On-site(CLEC Approved Vendor places)			
- Fiber Cable Placement per fiber cable sheath		2.13	488.48
D. Voice Grade Interconnection (Collocator provides and installs)			
Caged, Cageless, and Caged Common Arrangement (Non-Shielded and Shielded) (Per 100 Pairs)		3.86	156.02
Adjacent On-site Collocation Arrangement (Non-Shielded and Shielded) (Per 100 Pairs)		3.86	156.02
Adjacent Off-site (Per 900 Pairs)		311.43	None

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PHYSICAL COLLOCATION
(SERVICES AND RATES)**22.0 CDOW (CLECs Doing Own Work) - Collocator Responsibilities (continued)**

23.1 Rates and Charges for CLECs Doing Own Work (continued)

	<u>USOC</u>	<u>Rate Per Month</u>	<u>Nonrecurring Charge</u>
E. DS1 Interconnection (Collocator provides and installs cabling)			
Caged, Cageless, and Caged Common Arrangement to DCS (Per 28 DS1s)		\$295.42	\$3,105.79
Adjacent On-site Collocation Arrangement to DCS (Per 28 DS1s)		295.42	3,105.79
Adjacent Off-site Collocation Arrangement to DCS (Per 28 DS1s)			
F. DS1 Interconnection (Collocator provides and installs cabling)			
Caged, Cageless, and Caged Common Arrangement to DSX (Per 28 DS1s)		\$6.07	\$486.89

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PHYSICAL COLLOCATION
(SERVICES AND RATES)**22.0 CDOW (CLECs Doing Own Work) - Collocator Responsibilities (continued)**

23.1 Rates and Charges for CLECs Doing Own Work (continued)

	<u>USOC</u>	<u>Rate Per Month</u>	<u>Nonrecurring Charge</u>
F. DS1 Interconnection (continued)			
Adjacent On-site Collocation			
Arrangement to DSX			
(Per 28 DS1s)		\$6.07	\$487.89
Adjacent Off-site Collocation			
Arrangement to DSX			
(Per 28 DS1s)		35.03	None
DS1 Arrangement (450 DS1s) - MDF			
- Connection to MDF		311.43	None
G. DS3 Interconnection			
(Collocator provides and installs cabling)			
Caged, Cageless, and Caged Common			
Arrangement to DCS			
(Per DS3)		\$115.30	\$1,809.40
Adjacent On-site Collocation			
Arrangement to DCS			
(Per DS3)		115.30	1,809.40

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PHYSICAL COLLOCATION
(SERVICES AND RATES)**22.0 CDOW (CLECs Doing Own Work) - Collocator Responsibilities (continued)**

23.1 Rates and Charges for CLECs Doing Own Work (continued)

	<u>USOC</u>	<u>Rate Per Month</u>	<u>Nonrecurring Charge</u>
H. DS3 Interconnection (Collocator provides and installs cabling) Caged, Cageless, and Caged Common Arrangement to DSX' (Per DS3)		\$5.69	\$116.67
Adjacent On-site Collocation Arrangement to DSX (Per DS3)		5.96	116.67
I. Fiber Interconnection (Collocator provides and installs cabling) Caged, Cageless, and Caged Common Arrangement (12 Fibers)		3.76	495.49
Adjacent On-site Collocation Arrangement (Per 12 Fiber)		3.76	495.49

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PHYSICAL COLLOCATION
(SERVICES AND RATES)**22.0 CDOW (CLECs Doing Own Work) - Collocator Responsibilities (continued)**

23.1 Rates and Charges for CLECs Doing Own Work (continued)

I. Fiber Interconnection (continued)		
Adjacent Off-site Collocation		
Arrangement		
(Per 12 Fiber)	9.02	None
J. Collocation to Collocation Connection		
1. Fiber Cable (12 Fibers)		
- CLEC Provides Cable and Installs	.31	None
2. Copper Cable (28 DS1s)		
- CLEC Provides Cable and Installs	.18	None
3. Coax Cable (1 DS3)		
- CLEC Provides Cable and Installs	.12	None
4. Cable Racking and Hole		
For Optical (Per Cable)	.82	None
DS1 (Per Cable)	.57	None
DS3 (Per Cable)	.50	None
5. Route Design	None	424.88

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LOCAL ACCESS SERVICE

VIRTUAL COLLOCATION

1.0 GENERAL DESCRIPTION

This Section of the Access Service Tariff provides for Virtual Collocation for the purpose of interconnecting to SWBT for the transmission and routing of telephone exchange service and exchange access pursuant to 47 U.S.C. §251 (c)(2), and for access to SWBT's Unbundled Network Elements ("UNEs") pursuant to 47 U.S.C. §251 (c)(3) of the FTA 96 when the virtually collocated telecommunications equipment (hereafter referred to as equipment) is provided by the Collocator. In a Virtual Collocation arrangement, the Collocator designates the equipment to be placed at SWBT's premises. The Collocator, however, does not have physical access to such premises. Instead, the equipment is under the physical control of SWBT, and SWBT is responsible for installing, maintaining and repairing such equipment, except where collocation is provided pursuant to the alternative virtual collocation arrangement set forth in section 14.0. SWBT will offer Virtual Collocation even when physical collocation space is available.

Upon request from a collocator, SWBT will provide one of the following maintenance alternates for its virtual collocation offering:

- (1) In all of SWBT's premises SWBT will offer virtual collocation wherein SWBT maintains and repairs the virtually collocated equipment consistent with the rates, terms and conditions as provided for in Paragraphs 1.1 through 13.4 of this tariff section.
- (2) In CEVs, huts and cabinets where physical collocation space is not available, a Collocator may opt for virtual collocation wherein the Collocator maintains and repairs the virtually collocated equipment as described in Paragraph 14.0 following and consistent with the rates, terms and conditions as provided for throughout this entire tariff section. SWBT may at its option, elect to offer this maintenance alternative in one or more of its central offices, and in one or more of its CEVs, huts and cabinets where physical collocation space is available. As described in Paragraph 14.0, this maintenance alternative is contingent on the provision of a security escort paid for by the Collocator. In the event the FCC determines that SWBT may not require a security escort paid for by the Collocator, then this virtual collocation maintenance alternative as described in this Paragraph 1.0 (2) and in Paragraph 14.0 is null and void and all virtual collocation will be maintained as described in Paragraph 1.0 (1) above.

Virtual Collocation in the Central Office is available for interconnection with SWBT for the transmission and routing of telephone exchange service and exchange access as well as SWBT-provided UNEs. Virtual Collocation in CEVs, Huts and Cabinets is available for interconnection with SWBT-provided UNEs.

Rates for the individual UNEs the Collocator wants to gain access to for virtual collocation purposes can be found in the individual Collocator's Interconnection Agreement with SWBT.

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LOCAL ACCESS SERVICE

VIRTUAL COLLOCATION (Continued)

1.0 GENERAL DESCRIPTION (Continued)

SWBT will exercise physical control over any equipment deployed for the purpose of Virtual Collocation.

A description of the rate categories applicable to Virtual Collocation for the purpose of interconnecting to SWBT within SWBT's Central Offices is contained in 13.1 and 18.4, Rate Elements for SWBT Central Offices. A description of the rate categories applicable to Virtual Collocation for the purpose of interconnecting to SWBT within SWBT's CEVs, Huts and Cabinets is contained in 13.2, Rate Elements for SWBT CEVs, Huts and Cabinets.

- 1.1 Virtual Collocation for Interconnection to SWBT for the Transmission and Routing of Telephone Exchange Service and Exchange Access, and for Interconnection with SWBT-Provided UNEs when the Equipment is Provided by the Collocator.

Virtual Collocation provides for interconnection between SWBT and the facilities of a virtual Collocator and is available for the transmission and routing of telephone exchange service and exchange access in SWBT Central Offices and for interconnection with SWBT-provided UNEs in SWBT Central Offices and CEVs, Huts and Cabinets.

Virtual Collocation is available at SWBT wire centers as specified in the National Exchange Carrier Association, Inc., Tariff F.C.C. No. 4 and in SWBT CEVs, Huts and Cabinets. Upon request, SWBT will provide a listing of locations of SWBT CEVs, Huts or Cabinets.

The rate elements provided in this tariff section are required when Collocators use virtual collocation equipment to access UNEs. Such access is provided through cross connects purchased from the Collocator/SWBT Interconnection Agreement. Unbundled network elements including associated cross connects are obtained from the Interconnection Agreement between the Collocator and SWBT. Cross connects associated with UNEs establish the circuit between the virtually collocated equipment and these cross connects are the point at which services provided and purchased from the SWBT/Collocator Interconnection Agreement begin. Virtually collocated equipment is available as follows:

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LOCAL ACCESS SERVICE

VIRTUAL COLLOCATION (Continued)

1.0 GENERAL DESCRIPTION (Continued)

Virtual Collocation for Interconnection to SWBT for the Transmission and Routing of Telephone Exchange Service and Exchange Access, and for Interconnection with SWBT-Provided UNEs when the Equipment is Provided by the Collocator.
(Continued)

- (A) A Collocator shall purchase from the vendor the equipment to be virtually collocated subject to the provisions as set forth in 1.1 (B) below and the equipment conforming to industry safety standards as described in SWBT's Technical Publication.

The Collocator may locate all equipment necessary for interconnection to SWBT under 47.U.S.C. 251 (C) (2) or accessing SWBT's unbundled network elements under 47.U.S.C. 251 (C) (3) of the FTA 96. In addition, SWBT currently will permit the collocation of DSLAMs, routers, ATM multiplexers, remote switching modules, and certain other equipment, the types of which and conditions upon which such will be permitted must be mutually agreed upon by SWBT and Collocator, in SWBT Eligible Structures. This tariff does not constitute, and shall not be asserted to constitute, an admission or waiver by any party of any rights, remedies or arguments with respect to the issue of what types of equipment Collocators may place in SWBT's premises or any other issue whatsoever before the Missouri Public Service Commission, the Federal Communications Commission, or any other regulatory body or state or federal court. The collocator will certify in writing to SWBT that the equipment is necessary for interconnection or access to unbundled network elements. In the event that SWBT believes that the collocated equipment is not of a type that is necessary for interconnection or access to unbundled network elements, is not of a type that SWBT permits as referenced above, or will not be or is not being used for interconnection or access to unbundled network elements, SWBT shall notify the Collocator and provide Collocator with ten (10) days to respond. In the event SWBT believes that the collocated equipment is not necessary for interconnection or access to unbundled network elements or determines that the Collocator's equipment does not meet Bellcore NEBS Level 1 Safety requirements, the Collocator will be given ten (10) business days to comply with the requirements or remove the equipment from the collocation space. If the parties do not resolve the dispute, SWBT or Collocator may file a complaint at the Commission seeking a formal resolution of the dispute. If it is determined that the Collocator's equipment is not Bellcore NEBS Level 1 Safety compliant, the Collocator will be responsible for removal of the equipment and all resulting damages.

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LOCAL ACCESS SERVICE

VIRTUAL COLLOCATION (Continued)

1.0 GENERAL DESCRIPTION (Continued)

1.1 Virtual Collocation for Interconnection to SWBT for the Transmission and Routing of Telephone Exchange Service and Exchange Access, and for Interconnection with SWBT-Provided UNEs when the Equipment is Provided by the Collocator. (Continued)

- (B) Regarding safety, Collocator equipment or operating practices representing a significant demonstrable technical or physical threat to SWBT's personnel, network or facilities, including the Eligible Structure, or those of others are strictly prohibited. Regarding safety, and notwithstanding any other provision hereof, the characteristics and methods of operation of any equipment or facilities placed in the virtual collocation space shall not create hazards for or cause damage to those facilities, the virtual collocation space, or the Eligible Structure in which the virtual collocation space is located; impair the privacy of any communications carried in, from, or through the Eligible Structure in which the virtual collocation space is located; or create hazards or cause physical harm to any individual or the public. Any of the foregoing would be in violation of this tariff.

SWBT requires that all equipment to be collocated in SWBT's Eligible Structures meet Level 1 safety requirements as set forth in Bellcore Network Equipment - Building Systems (NEBS), but SWBT may not impose safety requirements on the Collocators that are more stringent than the safety requirements it imposes on its own equipment. SWBT may not deny collocation of Collocator's equipment because the equipment fails to meet Bellcore NEBS reliability standards.

SWBT will publish, at least quarterly, a list of all network equipment installed within the network areas of its facilities within the previous twelve (12) months that fails to meet the Level 1 Safety requirements of Bellcore NEBS, and update the list as needed to keep it current. In the event that SWBT believes that the collocated equipment is not necessary for interconnection or access to unbundled network elements or determines that the Collocator's equipment does not meet Bellcore NEBS Level 1 Safety requirements, the Collocator will be given ten (10) business days to comply with the requirements or remove the equipment from the collocation space. If the parties do not resolve the dispute, SWBT or Collocator may file a complaint at the Commission seeking a formal resolution of the dispute. If it is determined that the Collocator's equipment is not Bellcore NEBS Level 1 Safety compliant, the Collocator will be responsible for removal of the equipment and all resulting damages.

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LOCAL ACCESS SERVICE

VIRTUAL COLLOCATION (Continued)

1.0 GENERAL DESCRIPTION (Continued)

1.1 Virtual Collocation for Interconnection to SWBT for the Transmission and Routing of Telephone Exchange Service and Exchange Access, and for Interconnection with SWBT-Provided UNEs when the Equipment is Provided by the Collocator.
(Continued)

(C) A Collocator may arrange for a mutually agreed upon vendor/contractor to engineer and install the virtually collocated equipment the Collocator purchases and the Collocator may pay the vendor/contractor directly. The installation contractor and their activity will be under the direction and control of Collocator who will ensure that the installation contractor meets all standards and requirements for installation of equipment, as required under this Tariff. If SWBT chooses to have its personnel present when the CLEC equipment is installed, then SWBT's presence will be at its own expense. However, if SWBT demonstrates that the CLEC contractor has or would have violated any standard or requirement for installation of equipment, as required under this tariff, the CLEC is responsible for the quantifiable expense incurred by SWBT.

1.2 Federal Telecommunications Act of 1996

SWBT provides virtual collocation for interconnection to SWBT for the transmission and routing of telephone exchange service and exchange access pursuant to 47 U.S.C. §251(c)(2), and for access to SWBT's unbundled network elements pursuant to 47 U.S.C. §251(c)(3).

The use of virtual collocation for (1) interconnection to SWBT or (2) access to SWBT's unbundled network elements, in either case pursuant to 47 U.S.C. §251(c), is available at SWBT wire centers as specified in the National Exchange Carrier Association, Inc., Tariff F.C.C. No. 4, and in SWBT CEVs, Huts and Cabinets.

2.0 PROVISIONING

Virtual collocation for Interconnection to SWBT or access to SWBT-provided UNEs is ordered as set forth in SWBT's Interconnector's Collocation Services Handbook for Virtual Collocation in Missouri. SWBT will designate the location or locations within its wire centers, CEVs, Huts and Cabinets for the placement of all equipment and facilities associated with virtual collocation. Virtual collocation does not involve the reservation of segregated central office or CEV, Hut and Cabinet space for the use of Collocators.

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VIRTUAL COLLOCATION (Continued)

2.0 PROVISIONING (continued)

Virtual Collocation is available for the direct connection of one Collocator-provided facility to a different interconnected provided facility within the same SWBT wire center, CEV, Hut or Cabinet provided the Collocator is interconnected with SWBT's network.

SWBT will provide Virtual Collocation for comparable equipment as it provides to itself in the central office, wire center, CEV, Hut or Cabinet, as the case may be.

3.0 COLLOCATOR RESPONSIBILITIES

The customer will provide, under this section of the tariff, at its expense, all facilities and equipment required to facilitate interconnection and access to SWBT UNES. The customer will, at its expense, provide the following:

- All plug-ins and/or circuit packs (working, spare, and replacements),
- All unique tools and test equipment,
- Any ancillary equipment and cabling used for remote monitoring and control,
- Any technical publications and updates associated with all Collocator-owned and provided equipment,
- All training as described in Section 13.1(Q),

The Collocator will provide, at its expense, replacements for any recalled, obsolete, defective or damaged facilities, equipment, plug-ins, circuit packs, unique tools, test equipment, or any other item or material provided by the Collocator for placement in/on SWBT property. Suitable replacements are to be immediately provided to SWBT to restore equipment.

The Collocator will provide at least the minimum number of usable equipment spares specified by the manufacturer. Replacements must be delivered to the SWBT central office using the equipment spare within five (5) days of notification that a spare was used or tested defective.

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LOCAL ACCESS SERVICE

VIRTUAL COLLOCATION (Continued)

4.0 COOPERATIVE RESPONSIBILITIES

SWBT will work cooperatively with the Collocator to develop implementation plans including timelines associated with:

- Placement of Collocator's fiber into the central office vault,
- Location and completion of all splicing,
- Completion of installation of equipment and facilities,
- Removal of above facilities and equipment,
- To the extent known, the Collocator can provide forecasted information to SWBT on anticipated additional Virtual Collocation requirements,
- To the extent known, the Collocator is encouraged to provide SWBT with a listing of the equipment types that they plan to virtually collocate in SWBT central offices or CEVs, Huts and Cabinets. This cooperative effort will insure that SWBT personnel are properly trained on Collocator equipment.

5.0 INTERVALS AND PROVISIONING**5.1 Quote Intervals**

In responding to an application request, SWBT shall provide the quotation of the applicable nonrecurring and recurring tariff rates, and the estimated construction interval no later than as specified below. The Collocator has forty-five (45) business days from receipt of the quotation to accept the quotation. The quotation expires after forty-five (45) business days. After forty-five (45) business days, a new application and application fee are required.

Price quote intervals are as follows and will run concurrent with the ten (10) day notification interval for availability of virtual collocation interconnection:

Number of Applications by One Collocator	Quotation Interval
1- 5	10 Business Days
6-20	20 Business Days

Should the Collocator submit twenty-one (21) or more applications within five (5) business days, the quotation interval will be increased by five (5) business days for every five (5) additional applications or fraction thereof. Any material revision to an application will be treated as a new application and will be subject to the time intervals set forth above.

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LOCAL ACCESS SERVICE

VIRTUAL COLLOCATION (Continued)

5.0 INTERVALS AND PROVISIONING (Continued)**5.1 Quote Intervals (Continued)**

A Collocator may obtain a shorter interval for the return of price quotes for virtual collocation arrangements when submitting 6 or more applications if the Collocator files complete applications, including identification of specific rate elements and the applicable rates contained in this tariff, the exact quantity of the rate elements, and an up-front payment of the nonrecurring application fee from, paragraph 13.1 of this Tariff and schedules a meeting with SWBT at least twenty (20) business days prior to submission of the first application to discuss, coordinate and prioritize the Collocator applications. In addition, the applications must include an accurate front equipment view (a.k.a. rack elevation drawing) specifying bay(s) for the Collocator's point of termination. The shortened intervals are:

<u>Number of Applications by One Collocator</u>	<u>Quotation Interval</u>
1- 5	10 Business Days
6-20	+20 Business Days

Should the Collocator submit twenty-one (21) or more applications within five (5) business days, the quotation interval will be increased by five (5) business days for every five (5) additional applications or fraction thereof. Any material revision to an application will be treated as a new application and will be subject to the time intervals set forth above.

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<u>Number of Applications by One Collocator</u>	<u>Quotation Interval</u>
1- 5	10 Business Days
6-20	20 Business Days

Should the Collocator submit twenty-one (21) or more applications within five (5) business days, the quotation interval will be increased by five (5) business days for every five (5) additional applications or fraction thereof. Any material revision to an application will be treated as a new application and will be subject to the time intervals set forth above.

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VIRTUAL COLLOCATION (Continued)

5.0 INTERVALS AND PROVISIONING (Continued)**5.1 Quote Intervals (Continued)**

Once SWBT has completed its review of the virtual collocation application form inquiry, the entire completed quote package will be forwarded to the potential interconnector in writing with a cover letter. The interconnector has 45 days to remit a signed confirmation form along with a check for 50% of all the applicable nonrecurring charges.

If the interconnector fails to respond within the 45-day interval, should the interconnector decide at a later time to proceed with virtual collocation, a new application and Planning Fee will be required.

5.2 Implementation Intervals

A virtual collocation arrangement is not reserved until the quotation is accepted. When the quotation is accepted, unless otherwise mutually agreed to by the Parties in writing, SWBT will allow the Collocator's vendor to begin equipment installation no later than 90 days from acceptance of the quotation. The virtual collocation interval ends when roughed in, unterminated DC power and interconnection cabling is provided to the virtual collocation area.

The construction intervals for virtual collocation arrangements are noted in Table 2-1. For Virtual Collocation in Active Collocation Space where the Collocator is requesting maximum DC Power of 50 amps, either in a single or in multiple feeds of 50 amps (maximum 50 amps per feed), the Virtual Collocation construction intervals remain as stated below. For Virtual Collocation in Active Collocation Space where a Collocator is requesting DC Power that exceeds 50 amps from a single source (e.g., 100 amps) per feed, the construction interval is 90 days. These same construction intervals apply for virtual collocation in Eligible Structures such as CEVs (Vaults), Huts and Cabinets.

When the quotation is accepted, unless otherwise mutually agreed to by the Parties in writing, the construction intervals for virtual are as follows:

<u>Type</u>	<u>Description</u>	<u>Interval</u>	<u>Exception</u>
Virtual	Active collocation space	70 days	With SWBT installation of bays/racks/frames
Virtual	Active collocation space	55 days	With CLEC installation of bays/racks/frames

Table 2-1

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VIRTUAL COLLOCATION (Continued)

5.0 INTERVALS AND PROVISIONING (Continued)**5.2 Implementation Intervals (continued)**

Virtual collocation space is not reserved until the quotation is accepted. When the quotation is accepted unless otherwise mutually agreed to by the Parties in writing, SWBT will complete construction of Active Collocation Space requests for virtual collocation in 55 days from the receipt of the Collocator's acceptance of the quotation where power is available and the Collocator is installing all of its own bays. The virtual collocation construction interval ends when roughed in, unterminated DC power and interconnection cabling is provided to the collocation area. SWBT will complete construction of Active Collocation Space requests for virtual collocation in 70 days from the receipt of the Collocator's acceptance of the quotation where SWBT will be installing all or some of the bays. SWBT considers power to be available if sufficient power plant capacity exists, the BDFB (if used) is within 100 feet of the Collocator's space and sufficient termination capacity on the power plant and/or BDFB exists.

If a completion date outside the time period required herein is not agreed to by the parties, the issue may be presented by either party to the Missouri Public Service Commission for determination

5.3 Installation of Virtual Collocation Equipment

SWBT does not assume any responsibility for the design, engineering, testing, or performance of the end-to-end connection of the Collocator's equipment, arrangement, or facilities.

SWBT will be responsible for using the same engineering practices as it does for its own similar equipment in determining the placement of equipment and engineering routes for all connecting cabling between collocation equipment.

In this arrangement, telecommunications equipment (hereafter referred to as equipment) is furnished by the CLEC and engineered and installed by a mutually agreed upon vendor for the Collocator. The Collocator will have the authority to select installation vendors. All installations of equipment will be in accordance with the Collocator-provided installation design and must comply with manufacturer's specifications and applicable published national standards approved by the FCC, and other governmental authorities that have jurisdiction.

The Collocator and SWBT must jointly accept the installation of the equipment and facilities prior to the installation of any services using the equipment. As part of this acceptance, SWBT will cooperatively test the collocated equipment and facilities with the Collocator.

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VIRTUAL COLLOCATION (Continued)

5.0 INTERVALS AND PROVISIONING (Continued)

5.3 Installation of Virtual Collocation Equipment (continued)

SWBT will provide TIRKS and/or SWITCH print out of actual point of termination/connection facilities assignment (APOT/CFA) at collocation space turnover to the Collocator's SWBT Approved Vendor. This information is used to request access and line sharing services. The CLEC is responsible for payment of all non-recurring charges, where applicable, prior to receiving APOT/CFA information.

5.4 Revisions

All Revisions to an initial request for a virtual collocation arrangement submitted by the Collocator must be in writing via a new application form.

Major Revisions:

Major revisions include:

- adding telecommunications equipment that requires additional electrical power
- accelerating the project schedule
- adding additional Collocator bays or equipment that impact the existing/proposed floor-space area provided to the Collocator in their quote package.

If the revision is major, a new interval for the virtual collocation arrangement will be established which shall not exceed two months.

Minor Revisions

Minor revisions include:

- adding bays of equipment that do not significantly impact the existing/proposed electrical systems
- adding light fixtures and outlets which do not exceed the capacity of the existing/proposed electrical system
- adjustments to the heat release projection which do not cause a change in the proposed/existing mechanical system

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VIRTUAL COLLOCATION (Continued)

5.0 INTERVALS AND PROVISIONING (Continued)

5.4 Revisions (Continued)

However, minor revisions will not require that a new interval be established. No additional application fees shall be applicable if the revision is minor.

This list is not all-inclusive. Any revisions to the Collocators application not specified above must be reviewed by SWBT to determine whether the revision is major or minor.

5.5 Augments

In order to request an augment, the Collocator must submit a Virtual Collocation Application Form to SWBT Collocation Service Center (CSC) indicating in Section 3 of the application that this is an "Augmentation to an Existing Arrangement." The price quote will contain the charges and the construction interval for that application.

SWBT will work cooperatively with Collocators to negotiate mutually agreeable implementation intervals for augments.

6.0 EQUIPMENT PROVISIONING

The Collocator will arrange to deliver to the SWBT central office where the equipment is located a reasonable number, as recommended by the manufacturer, of all appropriate plug-ins, circuit packs and cards and any other equipment, plus all necessary circuit design and provisioning information on an agreed-upon date which is no later than two (2) business days prior to the scheduled turn-up of the Collocator's equipment.

For the disconnection of circuits, the Collocator will provide all circuit information no later than two (2) business days prior to the scheduled disconnection of the Collocator's circuit.

SWBT does not assume any responsibility for the design, engineering, testing, or performance of the end-to-end connection of the Collocator's circuits.

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VIRTUAL COLLOCATION (Continued)

7.0 REPAIR OF EQUIPMENT

Except in emergency situations, the Collocator-owned fiber optic facilities and central office terminating equipment will be repaired only upon the request of the customer. In an emergency, SWBT may perform necessary repairs without prior notification. The labor rates specified in Section 13.3(R) apply to SWBT central offices and SWBT CEVs, Huts and Cabinets and are applicable for all repairs performed by SWBT on the Collocator's facilities and equipment.

When initiating repair requests on Collocator owned equipment, the Collocator must provide SWBT with the location and identification of the equipment and a detailed description of the trouble.

Upon notification by the Collocator and availability of spare parts as provided by the Collocator, SWBT will be responsible for repairing the Virtually Collocated equipment at the same standards that it repairs its own equipment.

8.0 MAINTENANCE OF EQUIPMENT

The Collocator will request any and all maintenance by SWBT on its Virtually Collocated facilities or equipment. When initiating requests for maintenance on collocated equipment, the Collocator must provide SWBT with the location and identification of the equipment and a detailed description of the maintenance requested.

Upon notification by the Collocator and availability of spare parts as provided by the Collocator, SWBT will be responsible for maintaining the Virtually Collocated equipment at the same standards that it maintains its own equipment.

9.0 ALARM COLLECTION

The Collocator has the ability to purchase its own remote monitoring and alarming equipment. If the Collocator prefers SWBT to perform this function, it may elect to provision this arrangement under Section 25.5.1(A) of the FCC 73 Access Service Tariff. If the Collocator purchases this equipment, it must be identical to equipment specified in Section 25.5.1 of the FCC 73 Access Service Tariff.

Since the maintenance of the Collocator's equipment is at the direction and control of the Collocator, SWBT will not be responsible for responding to alarms and will only conduct maintenance and repair activities at the direction of the Collocator.

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VIRTUAL COLLOCATION (Continued)

10.0 TERMINATION OF VIRTUAL COLLOCATION

Upon termination of the Virtual Collocation arrangement, the Collocator will work cooperatively with SWBT to remove the Collocator's equipment and facilities from SWBT property subject to the condition that the removal of such equipment can be accomplished without damaging or endangering other equipment located in the central office. SWBT is not responsible for and will not guarantee the condition of such equipment. The Collocator is responsible for arranging for and paying for the removal of virtually collocated equipment including all costs associated with equipment removal, packing and shipping. Arrangements for and the removal of the Collocator virtually collocated equipment must be made within 30 business days after termination of the virtual collocation arrangement, unless a different time period is mutually agreed upon. SWBT shall be responsible for exercising reasonable caution when removing virtually collocated equipment. SWBT will only be responsible for damage done to such equipment caused by gross negligence on the part of SWBT or its contractors during the removal process. However, Collocators will indemnify and hold SWBT harmless for any damage done to virtually collocated equipment if SWBT permits the Collocator to hire a SWBT approved contractor to remove virtually collocated equipment. Any equipment not removed in this time frame may be removed by SWBT and stored in a non-SWBT location, at the expense of the Collocator.

Upon termination of the Virtual Collocation, the Collocator must remove the fiber entrance cable used for the Virtual Collocation. If the entrance cable is not scheduled for removal within seven (7) days, SWBT may arrange for the removal, and the Collocator will be responsible for any charges incurred to remove the cable. SWBT and the Collocator will cooperatively manage the removal process. The Collocator is only responsible for physically removing entrance cables housed in conduits or inner-ducts and will only be required to do so when SWBT instructs the Collocator that such removal can be accomplished without damaging or endangering other cables contained in a common duct or other equipment residing in the central office.

11.0 REVISIONS

Any revision to SWBT's Interconnector's Collocation Services Handbook for Virtual Collocation in Missouri, or its Technical Publication TP 76300MP, shall become effective and thereafter applicable under this tariff forty five (45) business days after such revision is released by SWBT except for those particular revisions to which the Collocator specifically objects within thirty (30) business days of receipt, providing an explanation for each objection. Upon each such objections, SWBT and the Collocator shall attempt to negotiate a resolution, either party may request resolution by the Missouri Public Service Commission. Any revision made to address potentially harmful situations shall become effective and applicable immediately, pending resolution of the objections by the Missouri Public Service Commission.

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VIRTUAL COLLOCATION (Continued)

12.0 DISPUTE RESOLUTION PROCESS FOR REVISIONS OR IMPLEMENTATION OF TECHNICAL PUBLICATIONS

Disputes that cannot be resolved by the parties regarding revisions to or implementation of SWBT technical publications that apply to virtual collocation arrangements will be resolved by use of (1) mediation, (2) any dispute resolution process promulgated by the Commission, or (3) any other method mutually agreed to by the parties. Either party may use any of these options to obtain a resolution of the dispute.

13.0 RATE REGULATIONS

This section contains specific regulations governing the rates and charges that apply to Virtual Collocation for the purpose of interconnecting to SWBT and for Access to SWBT provided UNEs when the Collocator provides the equipment.

There are two types of rates and charges that apply to the various rate elements for Virtual Collocation for interconnecting to SWBT and for Access to SWBT provided UNEs. These are non-recurring charges and monthly recurring rates.

Rates and charges specific to Virtual Collocation for interconnection with SWBT for the transmission and routing of telephone exchange service and exchange access, and for access to SWBT provided UNEs in SWBT Central Offices are set forth in 13.3. Rates and charges specific to Virtual Collocation for access to SWBT provided UNEs in SWBT CEVs, Huts and Cabinets are set forth in 13.4.

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VIRTUAL COLLOCATION (Continued)

13.0 RATE REGULATIONS (Continued)

13.1 Rate Elements for SWBT Central Offices

Consistent with provisions in Section 1.1, the following provides a list of the specific rate elements for virtual collocation for interconnection with SWBT for the transmission and routing of telephone exchange service and exchange access, and for access to SWBT provided UNEs to be used in conjunction with virtual collocation in SWBT Central Offices. Charges applicable to virtual collocation other than those listed below are listed in Section 25 of the FCC 73 Access Service Tariff (Expanded Interconnection).

(A) Planning

(1) Planning Fee

The planning fee recovers SWBT costs incurred to estimate the quotation of charges, project management costs, engineering costs, and other related planning activities for the Collocator's request for a virtual collocation arrangement. The planning fee also provides for SWBT personnel to survey each requested location for availability of space for the placement of entrance cables as well as to determine floor space to physically place Collocator-designated equipment expressed as a non-recurring charge. The planning fee is applied on an initial and subsequent basis. The initial charge will apply to the Collocator's request for a virtual collocation arrangement or the addition of cable. The subsequent planning charge will apply to any additional interconnection or power arrangements, connected to existing virtual collocated equipment. Charges for this sub-element are specified in 13.3(A)(1).

(B) Floor Space

This sub-element provides for the "occupancy" cost per bay framework associated with using the floor space in SWBT central offices expressed as a monthly rate. Charges for this sub-element are specified in 13.3(B). In those cases where an individual relay rack and its associated floor space are shared by SWBT and the Collocator or among Collocators, the floor space and relay rack associated will be apportioned on a quarter rack basis.

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VIRTUAL COLLOCATION (Continued)

13.0 RATE REGULATIONS (Continued)

13.1 Rate Elements for SWBT Central Offices (Continued)

(C) Relay Rack (Optional)

This sub-element provides the cost per Standard Bay relay rack when provided by SWBT expressed as a monthly rate. SWBT's Standard Bay dimensions are 7'-0" high, and have a 23" interior width, 26" exterior width, and up to 15" deep. Charges for this sub-element are specified in 13.3(C). In those cases where an individual relay rack and associated floor space are shared by SWBT is shared by SWBT and the Collocator or among Collocators, the floor space and relay rack associated will be apportioned on a quarter rack basis. When the standard bay relay rack is provided by the Collocator this rate element will not apply.

(D) Common Systems Materials

This sub-element provides the infrastructure installation and maintenance of ironwork, racking, and lighting above the equipment bays. Charges for this sub-element are specified in 13.3(D). The common systems sub-element is distinct for standard and non-standard frames. In those cases where common systems materials for an individual relay rack and associated floor space are shared with the Collocator or among Collocators, the common systems materials for the floor space and relay rack associated will be apportioned on a quarter rack basis.

(E) Real Estate

These rate elements provide for SWBT to recover the costs associated with preparing the Eligible Structure for telecommunications equipment (Site Conditioning) and securing this space (Safety & Security). Charges for these sub-elements are specified in 13.3(E).

(1) Site Conditioning

Permits SWBT to recover cost associated with preparing space within the Eligible Structure for telecommunications equipment. The nonrecurring charge for this sub-element is specified in 13.3(E)(1).

(2) Safety & Security

Permits SWBT to recover costs associated with securing the telecommunications area used for Virtual Collocation. The nonrecurring charge for this sub-element is specified in 13.3(E).

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